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PATENT #7

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date 5/10/02 Michael J. Shinsky

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Timothy Reardon, Thomas H. Oberlitner, Craig P. Meuchel  
Application No. : 09/893,315 Confirmation No.: 2812  
Filed : June 26, 2001  
For : SEMICONDUCTOR PROCESSING APPARATUS

Art Unit : 1734

Docket No. : 291958161US

Commissioner for Patents  
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, William A. Freeman, declare that I am the Senior Vice President, Finance and CFO, of Semitool, Inc., the assignee of the entire interest. Documentary evidence of chain of title from the original owners to Semitool, Inc. has been filed with and recorded by the United States Patent Office at Reel 7495, Frame 0714; Reel 6259, Frame 0346; and Reel 5747, Frame 785. Copies of assignments in the chain of title are attached.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints STEPHEN E. ARNETT, Registration No. 47,392; BARBARA B. COURTNEY, Registration No. 42,442; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; PETER J. DEHLINGER, Registration No. 28,006; LEEANN GORTHEY, Registration No. 37,337; RICHARD L. GREGORY, JR., Registration No. 42,607; CATHERINE HONG TRAN, Registration No. 43,960;

EDWARD S. HOTCHKISS, Registration No. 33,904; KAREN Y. HUI, Registration No. 44,785; MICHELLE L. JOHNSON, Registration No. 36,352; STEVEN D. LAWRENZ, Registration No. 37,376; KATHERINE D. LEE, Registration No. 44,865; JACQUELINE F. MAHONEY, Registration No. 48,390; MICHAEL C. MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563; CHUN NG, Registration No. 36,878; CHIHANG A. NG SMITH, Registration No. 42,931; JAMES NICKELSON, Registration No. 46,140; PAUL T. PARKER, Registration No. 38,264; MAURICE J. PIRIO, Registration No. 33,273; MARK A. THOMAS, Registration No. 37,953; LARRY W. THROWER, Registration No. 47,994; JOHN M. WECHKIN, Registration No. 42,216; JAMES A.D. WHITE, Registration No. 43,985; and ROBERT G. WOOLSTON, Registration No. 37,263; all affiliated with Perkins Coie LLP, and HARRY M. CROSS, JR., Registration No. 22,229, as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 25096.

Bar Code:



25096

PATENT TRADEMARK OFFICE

MAY - 6 2002

Date

Semitool, Inc.

A handwritten signature in black ink, appearing to read "William A. Freeman", written over a horizontal line.

William A. Freeman

Senior Vice President, Finance and CFO

Serial Number: 07/665,942

Filing Date: March 6, 1991

**ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT:**

**INVENTORS:**

Eric J. Bergman  
120 Midale  
Kalispell, Montana 59901

Timothy J. Reardon  
643 Granite View Drive  
Kalispell, MT 59901

Raymon F. Thompson  
275 Tamarack Terrace  
P. O. Box 241  
Lakeside, MT 59922

Aleksander Owczarz  
145 Northridge Drive  
Kalispell, MT 59901

**ASSIGNEE:**

Semitool, Inc.  
Corporation of the State of Montana  
655 West Reserve Drive  
Kalispell, MT 59901

**BACKGROUND OF THIS ASSIGNMENT:**

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled "Semiconductor Processor Apparatus with Dynamic Wafer Vapor Treatment and Particulate Volatilization", Serial No. 07/665,942, filed March 6, 1991.

1 SEMITOOL, INC. desires to acquire the entire right, title and  
2 interest in said inventions and with respect to any Letters Patent that  
3 may be granted with respect to the inventions in both the United States  
4 and in all foreign countries.

5 **THE PARTIES AGREE AS FOLLOWS:**

6 In consideration of the sum of \$1.00 and other good and valuable  
7 consideration, the receipt of which is hereby acknowledged, INVENTORS  
8 have sold, assigned and transferred to SEMITOOL, INC. the full and  
9 exclusive right to said inventions in the United States and in all foreign  
10 countries.

11 INVENTORS do hereby sell, assign and transfer to SEMITOOL,  
12 INC. the entire right, title and interest in the above-identified  
13 application and to any reissues, divisions or continuations thereof, and  
14 hereby authorize the Commissioner of Patents and Trademarks to issue  
15 such Letters Patent to SEMITOOL, INC. for the sole use of  
16 SEMITOOL, INC., its successors or assigns.

17 INVENTORS further agree to execute, at the request and expense  
18 of SEMITOOL, INC. such other formal documents as may be required  
19 to fully convey the interest transferred herein and will similarly execute  
20 any applications papers required for the filing of any division,  
21 continuation or reissue of the patent application or resulting Letters  
22 Patent; and will generally do everything necessary or desirable to obtain  
23 and enforce proper protection for the inventions assigned hereby.

1 INVENTORS further assign to SEMITool, INC. the whole right,  
2 title and interest in the inventions disclosed in the application  
3 throughout all countries foreign to the United States. SEMITool, INC.  
4 is hereby authorized to apply for patents relating to the inventions in  
5 its own name in countries where such procedure is proper; to claim the  
6 benefit of the International Convention; to file and prosecute  
7 International Applications relating to said inventions under the Patent  
8 Cooperation Treaty; and to file and prosecute applications relating to  
9 said inventions under the European Patent Convention. INVENTORS  
10 agree to execute applications relating to the inventions in those countries  
11 and under those conventions where it is necessary that the same be  
12 executed by the inventors, and to execute assignments of such  
13 applications and the resulting Letters Patent to SEMITool, INC. as  
14 well as all other necessary papers in relation to such applications and  
15 Letters Patent.

1 Executed this 2<sup>nd</sup> day of May, 1991, at Kalispell  
2 Montana.

3 Eric J. Bergman  
4 ERIC J. BERGMAN

5  
6 CERTIFICATE OF NOTARY PUBLIC

7  
8 State of Montana

9 County of Hathead

10 On 5 - 2 -, 1991 before me, a Notary Public,  
11 personally appeared Eric J. Bergman who is known to me to be the  
12 person described in the foregoing assignment, who executed it and  
13 acknowledged such execution to be voluntary and for the purposes set  
14 forth therein.

15 [SEAL]

13 Janet M. Zaurer  
14 Notary Public for the State of  
15 Montana residing at  
16 Kalispell  
17 Comm. Exp. 1-14-94

1 Executed this 2<sup>nd</sup> day of May, 1991, at Kalispell  
2 Montana.

3 Timothy J. Reardon  
4 TIMOTHY J. REARDON

5  
6  
7 CERTIFICATE OF NOTARY PUBLIC

8 State of Montana

9 County of Flathead

10 On May 2, 1991 before me, a Notary Public,  
11 personally appeared Timothy J. Reardon, who is known to me to be the  
12 person described in the foregoing assignment, who executed it and  
13 acknowledged such execution to be voluntary and for the purposes set  
14 forth therein.

15 [SEAL]

16 Janet M. Zunker  
17 Notary Public for the State of  
18 Montana residing at  
19 Kalispell  
20 Comm Exp. 1-14-94

Executed this 2<sup>nd</sup> day of May, 1991, at Kalispell  
Montana.

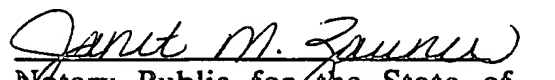
  
RAYMON F. THOMPSON

CERTIFICATE OF NOTARY PUBLIC

State of Montana

County of Hathead

On May 2, 1991 before me, a Notary Public,  
personally appeared Raymon F. Thompson, who is known to me to be  
the person described in the foregoing assignment, who executed it and  
acknowledged such execution to be voluntary and for the purposes set  
forth therein.

  
Notary Public for the State of  
Montana, residing at  
Kalispell  
Comm Exp. 1-14-94

[SEAL]

Executed this 2<sup>nd</sup> day of May, 1991, at Kalispell  
Montana.

Aleksander Owczarz  
ALEKSANDER OWCZARZ

CERTIFICATE OF NOTARY PUBLIC

State of Montana

County of Flathead

On May 2, 1991 before me, a Notary Public,  
personally appeared Aleksander Owczarz, who is known to me to be the  
person described in the foregoing assignment, who executed it and  
acknowledged such execution to be voluntary and for the purposes set  
forth therein.

Janet M. Zunker  
Notary Public for the State of  
Montana residing at  
Kalispell  
comm WP. 1-14-94

[SEAL]

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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

OCTOBER 03, 1995

PTAS

WELLS, ST. JOHN, ROBERTS, ET AL  
RANDY A. GREGORY  
601 W. MAIN AVE., STE. 815  
SPOKANE, WA 99201-0679



\*100020538A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/05/1995

REEL/FRAME: 7495/0714  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

REARDON, TIMOTHY J.

DOC DATE: 05/26/1995

ASSIGNOR:

MEUCHEL, CRAIG P.

DOC DATE: 05/26/1995

ASSIGNOR:

OBERLITNER, THOMAS H.

DOC DATE: 05/26/1995

ASSIGNEE:

SEMITOOL, INC.  
P.O. BOX 7010  
KALISPELL, MONTANA 59904

SERIAL NUMBER: 08422485  
PATENT NUMBER:

FILING DATE: 04/12/1995  
ISSUE DATE:

RECEIVED  
MAY 22 2002  
TC 1700

Filing Date: March 18, 1992

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Raymon F. Thompson  
275 Tamarac Terrace  
Lakeside, Montana 59922

Timothy J. Reardon  
643 Granite View Drive  
Kalispell, Montana 59901

Aleksander Owczarz  
145 Northridge Drive  
Kalispell, Montana 59901

ASSIGNEE:

Semitool, Inc.  
Corporation of the State of Montana  
655 West Reserve Drive  
Kalispell, Montana 59901

BACKGROUND OF THIS ASSIGNMENT:

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Semiconductor Processor Wafer Holder, Serial No. 07/855,767 filed March 18, 1992.

Semitool, Inc. desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

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THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, INVENTORS have sold, assigned and transferred to Semitool, Inc. the full and exclusive right to said inventions in the United States and in all foreign countries.

INVENTORS do hereby sell, assign and transfer to Semitool, Inc. the entire right, title and interest in the above-identified application executed concurrently with this assignment and to any reissues, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to Semitool, Inc. for the sole use of Semitool, Inc., its successors or assigns.

INVENTORS further agree to execute, at the request and expense of Semitool, Inc. such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any applications papers required for the filing of any division, continuation or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to Semitool, Inc. the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. Semitool, Inc. is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International

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1 Applications relating to the inventions under the Patent Cooperation  
2 Treaty; and to file and prosecute applications relating to the inventions  
3 under the European Patent Convention. INVENTORS agree to execute  
4 applications relating to the inventions in those countries and under those  
5 conventions where it is necessary that the same be executed by the  
6 inventor, and to execute assignments of such applications and the  
7 resulting Letters Patent to Semitool, Inc. as well as all other necessary  
8 papers in relation to such applications and Letters Patent.

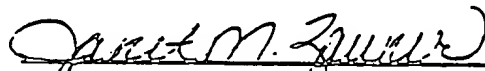
9  
10 Signed at Kalispell mt. on Sept 17, 1992.

11  
12   
13 Raymon F. Thompson

14 State of Montana

15 County of Flathead

16 On 9-17-92, before me, a Notary Public, personally  
17 appeared Raymon F. Thompson who is known to me to be the person  
described in the foregoing assignment, who executed it and acknowledged  
such execution to be voluntary and for the purposes set forth therein.

18   
19 Notary Public for the State of  
Montana residing at  
Kalispell  
20 Comm Exp 1-14-94

21 SEAL

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...

Signed at Kalispell MT on 9-16, 1992

Timothy J. Reardon  
Timothy J. Reardon

State of Montana

County of Hathead

On 16 Sept 1992, before me, a Notary Public, personally appeared Timothy J. Reardon who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

Janet M. Zinner  
Notary Public for the State of  
Montana residing at  
Kalispell  
Comm. Exp. 1-14-94

SEAL

Signed at Kalispell MT on 9-16, 1992.

Aleksander Owczarz  
Aleksander Owczarz

State of Montana

County of Hathead

On September 16, 1992, before me, a Notary Public, personally appeared Aleksander Owczarz, who is known to me to be the person described in the foregoing assignment, who executed it and acknowledged such execution to be voluntary and for the purposes set forth therein.

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SEP 21 1992

Janet M. Zinner  
Notary Public for the State of  
Montana residing at  
Kalispell  
Comm. Exp. 1-14-94

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